

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------|------------------|---------|------------------|
| L1 | 13 | US-5843571-\$.DID. OR US-5466431-\$.DID. OR US-5190824-\$.DID. OR US-4783368-\$.DID. OR US-4755426-\$.DID. OR US-5205188-\$.DID. OR US-5077990-\$.DID. OR US-4554208-\$.DID. OR US-6237441-\$.DID. OR US-5249554-\$.DID. OR US-5237967-\$.DID. OR US-4974498-\$.DID. OR US-6715693-\$.DID. | US-PGPUB; USPAT | OR | OFF | 2006/01/30 06:02 |
| L2 | 13 | 1 and(roughness or hardness or carbon) | US-PGPUB; USPAT | OR | OFF | 2006/01/30 07:47 |
| L3 | 1 | 1 and(roughness or carbon) and fuel adj injector | US-PGPUB; USPAT | OR | OFF | 2006/01/30 07:51 |
| L4 | 1 | 1 and carbon and (roughness or (thickness and hardness)) and fuel adj injector | US-PGPUB; USPAT | OR | OFF | 2006/01/30 10:09 |
| L5 | 28 | US-6468642-\$.DID. OR US-6205291-\$.DID. OR US-6822788-\$.DID. OR US-6592519-\$.DID. OR US-6572935-\$.DID. OR US-6666328-\$.DID. OR US-6338881-\$.DID. OR US-6626949-\$.DID. OR US-6882094-\$.DID. OR US-5461648-\$.DID. OR US-5299937-\$.DID. OR US-6543394-\$.DID. OR US-6439845-\$.DID. OR US-6666671-\$.DID. OR US-6273793-\$.DID. OR US-5458754-\$.DID. OR US-4988421-\$.DID. OR US-6296552-\$.DID. OR US-5927897-\$.DID. OR US-4980021-\$.DID. OR US-6880469-\$.DID. OR US-6638569-\$.DID. OR US-6572937-\$.DID. OR US-6494881-\$.DID. OR US-6385987-\$.DID. OR US-6358123-\$.DID. OR US-6309283-\$.DID. OR US-6305416-\$.DID. | US-PGPUB; USPAT | OR | OFF | 2006/01/30 09:38 |
| L6 | 0 | 5 and carbon and (roughness or (thickness and hardness)) and fuel adj injector | US-PGPUB; USPAT | OR | OFF | 2006/01/30 10:05 |

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| L7 | 34 | US-6139964-\$.DID. OR US-6016000-\$.DID. OR US-5947710-\$.DID. OR US-5901021-\$.DID. OR US-5881444-\$.DID. OR US-5824387-\$.DID. OR US-5255783-\$.DID. OR US-5187021-\$.DID. OR US-4992082-\$.DID. OR US-6855791-\$.DID. OR US-6820676-\$.DID. OR US-6761736-\$.DID. OR US-6753635-\$.DID. OR US-6733513-\$.DID. OR US-6695865-\$.DID. OR US-6656329-\$.DID. OR US-6557968-\$.DID. OR US-6537310-\$.DID. OR US-6386468-\$.DID. OR US-6379383-\$.DID. OR US-6377422-\$.DID. OR US-6367705-\$.DID. OR US-6289593-\$.DID. OR US-6190514-\$.DID. OR US-6006415-\$.DID. OR US-5992268-\$.DID. OR US-5976707-\$.DID. OR US-5975686-\$.DID. OR US-5968596-\$.DID. OR US-5945214-\$.DID. OR US-5940975-\$.DID. OR US-5799549-\$.DID. OR US-5529815-\$.DID. OR US-5443032-\$.DID. | US-PGPUB; USPAT | OR | OFF | 2006/01/30 09:35 |
| L8 | 0 | 7 and carbon and (roughness or (thickness and hardness)) and fuel adj injector | US-PGPUB; USPAT | OR | OFF | 2006/01/30 09:35 |

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| L9 | 27 | US-5401543-\$.DID. OR US-5332348-\$.DID. OR US-5036211-\$.DID. OR US-6890700-\$.DID. OR US-6878447-\$.DID. OR US-6872203-\$.DID. OR US-6871700-\$.DID. OR US-6865952-\$.DID. OR US-6861137-\$.DID. OR US-6861098-\$.DID. OR US-6855237-\$.DID. OR US-6849085-\$.DID. OR US-0200401-\$.DID. OR US-0200401-\$.DID. OR US-2004001-\$.DID. OR US-6821189-\$.DID. OR US-6818029-\$.DID. OR US-6799468-\$.DID. OR US-6797326-\$.DID. OR US-6780177-\$.DID. OR US-6753042-\$.DID. OR US-6749033-\$.DID. OR US-6739214-\$.DID. OR US-6729527-\$.DID. OR US-6729350-\$.DID. OR US-6701627-\$.DID. OR US-6699106-\$.DID. OR US-6684759-\$.DID. | US-PGPUB; USPAT | OR | OFF | 2006/01/30 09:40 |
| L10 | 0 | 9 and carbon and (roughness or (thickness and hardness)) and fuel adj injector | US-PGPUB; USPAT | OR | OFF | 2006/01/30 09:41 |
| L11 | 22 | -.DID. OR US-6645354-\$.DID. OR US-6637528-\$.DID. OR US-6601662-\$.DID. OR US-6592985-\$.DID. OR US-6589640-\$.DID. OR US-6586069-\$.DID. OR US-6585064-\$.DID. OR US-6572651-\$.DID. OR US-6570172-\$.DID. OR US-6562462-\$.DID. OR US-6544308-\$.DID. OR US-6537429-\$.DID. OR US-6471979-\$.DID. OR US-6452752-\$.DID. OR US-6439986-\$.DID. OR US-6401058-\$.DID. OR US-6399215-\$.DID. OR US-6368676-\$.DID. OR US-6340245-\$.DID. OR US-6324060-\$.DID. OR US-6322431-\$.DID. OR US-6316734-\$.DID. | US-PGPUB; USPAT | OR | OFF | 2006/01/30 09:41 |

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| L13 | 0 | 11 and carbon and (roughness or (thickness and hardness)) and fuel adj injector | US-PGPUB; USPAT | OR | OFF | 2006/01/30 09:42 |
| L14 | 34 | "DID." OR US-6203651-\$.DID. OR US-6197428-\$.DID. OR US-6197120-\$.DID. OR US-6173913-\$.DID. OR US-6160683-\$.DID. OR US-6159558-\$.DID. OR US-6156439-\$.DID. OR US-6145608-\$.DID. OR US-6124198-\$.DID. OR US-6106919-\$.DID. OR US-6099541-\$.DID. OR US-6083313-\$.DID. OR US-6071597-\$.DID. OR US-6059830-\$.DID. OR US-6051298-\$.DID. OR US-6028393-\$.DID. OR US-6023979-\$.DID. OR US-6015597-\$.DID. OR US-5993938-\$.DID. OR US-5967250-\$.DID. OR US-5958261-\$.DID. OR US-5952102-\$.DID. OR US-5910940-\$.DID. OR US-5834708-\$.DID. OR US-5806557-\$.DID. OR US-5793390-\$.DID. OR US-5790146-\$.DID. OR US-5723207-\$.DID. OR US-5707409-\$.DID. OR US-5672054-\$.DID. OR US-5653300-\$.DID. OR US-5630275-\$.DID. OR US-5619889-\$.DID. OR US-5593719-\$.DID. | US-PGPUB; USPAT | OR | OFF | 2006/01/30 09:42 |
| L15 | 1 | 14 and carbon and (roughness or (thickness and hardness)) and fuel adj injector | US-PGPUB; USPAT | OR | OFF | 2006/01/30 10:01 |

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| L16 | 22 | US-5568391-\$.DID. OR US-5547716-\$.DID. OR US-5516729-\$.DID. OR US-5509841-\$.DID. OR US-5479069-\$.DID. OR US-5464667-\$.DID. OR US-5433977-\$.DID. OR US-0380196-\$.DID. OR US-5358402-\$.DID. OR US-5349265-\$.DID. OR US-5334306-\$.DID. OR US-5317938-\$.DID. OR US-5232568-\$.DID. OR US-5190807-\$.DID. OR US-5142785-\$.DID. OR US-5132587-\$.DID. OR US-5087608-\$.DID. OR US-5078848-\$.DID. OR US-5000541-\$.DID. OR US-4980610-\$.DID. OR US-4943345-\$.DID. OR US-6887585-\$.DID. | US-PGPUB; USPAT | OR | OFF | 2006/01/30 10:01 |
| L17 | 0 | 16 and carbon and (roughness or (thickness and hardness)) and fuel adj injector | US-PGPUB; USPAT | OR | OFF | 2006/01/30 10:02 |
| L18 | 21 | 8-\$.DID. OR US-6629906-\$.DID. OR US-6883476-\$.DID. OR US-2716972-\$.DID. OR US-2982733-\$.DID. OR US-3790315-\$.DID. OR US-3846162-\$.DID. OR US-3932228-\$.DID. OR US-4031023-\$.DID. OR US-4538929-\$.DID. OR US-4645610-\$.DID. OR US-4712982-\$.DID. OR US-4834400-\$.DID. OR US-4842755-\$.DID. OR US-4960643-\$.DID. OR US-5143634-\$.DID. OR US-5148780-\$.DID. OR US-5202156-\$.DID. OR US-5326488-\$.DID. OR US-5630953-\$.DID. OR US-5719109-\$.DID. OR US-5735769-\$.DID. OR US-577J817-\$.DID. | US-PGPUB; USPAT | OR | OFF | 2006/01/30 10:02 |
| L19 | 0 | 18 and carbon and (roughness or (thickness and hardness)) and fuel adj injector | US-PGPUB; USPAT | OR | OFF | 2006/01/30 10:03 |

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| L20 | 30 | US-5851962-\$.DID. OR US-5937812-\$.DID. OR US-5960762-\$.DID. OR US-6056443-\$.DID. OR US-6059460-\$.DID. OR US-6083570-\$.DID. OR US-6095690-\$.DID. OR US-6142481-\$.DID. OR US-6170156-\$.DID. OR US-6193906-\$.DID. OR US-6322719-\$.DID. OR US-6325385-\$.DID. OR US-6333298-\$.DID. OR US-6523456-\$.DID. OR US-6524212-\$.DID. OR US-6543394-\$.DID. OR US-6553957-\$.DID. OR US-6562445-\$.DID. OR US-6726993-\$.DID. OR US-6739238-\$.DID. OR US-6740393-\$.DID. OR US-6745742-\$.DID. OR US-6806242-\$.DID. OR US-6886521-\$.DID. OR US-6893720-\$.DID. OR US-6329328-\$.DID. OR US-6207625-\$.DID. OR US-5482602-\$.DID. OR US-5127314-\$.DID. OR US-6299425-\$.DID. | US-PGPUB; USPAT | OR | OFF | 2006/01/30 10:03 |
| L21 | 0 | 20 and carbon and (roughness or (thickness and hardness)) and fuel adj injector | US-PGPUB; USPAT | OR | OFF | 2006/01/30 10:04 |

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| L22 | 36 | "." OR US-5032243-\$.DID. OR US-5295305-\$.DID. OR US-5205305-\$.DID. OR US-5497550-\$.DID. OR US-5669144-\$.DID. OR US-6684513-\$.DID. OR US-6866894-\$.DID. OR US-5040501-\$.DID. OR US-5067826-\$.DID. OR US-5284394-\$.DID. OR US-5714202-\$.DID. OR US-6099976-\$.DID. OR US-5096352-\$.DID. OR US-5288556-\$.DID. OR US-5456406-\$.DID. OR US-5462772-\$.DID. OR US-5616372-\$.DID. OR US-5688557-\$.DID. OR US-5740941-\$.DID. OR US-5786038-\$.DID. OR US-5794801-\$.DID. OR US-6165616-\$.DID. OR US-4367130-\$.DID. OR US-4385880-\$.DID. OR US-4702808-\$.DID. OR US-4859493-\$.DID. OR US-4874596-\$.DID. OR US-5021628-\$.DID. OR US-5552675-\$.DID. OR US-5628881-\$.DID. OR US-5871805-\$.DID. OR US-4755237-\$.DID. OR US-5255929-\$.DID. OR US-5360227-\$.DID. OR US-5866195-\$.DID. OR US-6969198-\$.DID. | US-PGPUB; USPAT | OR | OFF | 2006/01/30 10:04 |
| L23 | 0 | 22 and carbon and (roughness or (thickness and hardness)) and fuel adj injector | US-PGPUB; USPAT | OR | OFF | 2006/01/30 10:08 |
| L26 | 10 | ("20040242435" or "20050005892" or "20050084390" or "20050089685" or "20050100701" or "20050064196" or "20050025975" or "20050056241" or "20050082139" or "20050188942").pn. | US-PGPUB; USPAT | OR | OFF | 2006/01/30 10:08 |
| L27 | 0 | 26 and carbon and (roughness or (thickness and hardness)) and fuel adj injector | US-PGPUB; USPAT | OR | OFF | 2006/01/30 10:08 |
| L28 | 120 | carbon and (roughness or (thickness and hardness)) and fuel adj injector | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/30 10:10 |

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| L29 | 13 | 28 and hard with carbon | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/30 10:10 |
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